



THOMAS L. GARTHWAITE, M.D.  
Director and Chief Medical Officer

FRED LEAF  
Chief Operating Officer

COUNTY OF LOS ANGELES  
DEPARTMENT OF HEALTH SERVICES  
313 N. Figueroa, Los Angeles, CA 90012  
(213) 240-8101

October 6, 2005

BOARD OF SUPERVISORS

Gloria Molina  
First District

Yvonne Brathwaite Burke  
Second District

Zev Yaroslavsky  
Third District

Don Knabe  
Fourth District

Michael D. Antonovich  
Fifth District

TO: Each Supervisor

FROM: Thomas L. Garthwaite, M.D.  
Director and Chief Medical Officer

Jonathan E. Fielding, M.D., M.P.H.  
Public Health Director and Health Officer

SUBJECT: 2005 WEST NILE VIRUS ACTION PLAN, MONTHLY FOLLOW-UP REPORT

On March 8, 2005, we presented the Board our West Nile Virus (WNV) prevention and surveillance plan for 2005. This is the seventh monthly follow-up report describing WNV prevention and surveillance activities in 2005.

Since our last update in September, 20 new cases of WNV infection were confirmed; a total of 32 human WNV cases have been identified as of October 3, 2005. These cases include: eight encephalitis, 12 meningitis, eight WNV Fever, and four asymptomatic blood donors. Eleven cases are located in the San Fernando Valley, 10 are from eastern County, four are from the South Bay, four are from the San Gabriel Valley, two are from South Los Angeles, and one is from West Los Angeles. Since the first confirmed WNV case on August 9, the Acute Communicable Disease Control Program has posted biweekly updates on Tuesdays and Fridays on the Department of Health Services' website showing the location of WNV-infected birds and the number of confirmed WNV human cases (<http://lapublichealth.org/acd/index.htm>). To date, there have been no reported human deaths due to WNV infection. Ten confirmed horse infections have been reported. One hundred thirty-three WNV-infected dead birds and 65 sentinel chickens have shown evidence of WNV infection, including those in Long Beach. Two hundred eleven WNV-infected mosquito pools have been detected, including those in Long Beach.

We will provide you with a final report for the 2005 season by November 16, 2005. In the meantime, if you have any questions or need additional information, please let either of us know.

TLG:JEF:RC:sc  
502:011 REF 2813 (A007LM2005 #7)

Attachment

c: Chief Administrative Officer  
County Counsel  
Executive Officer, Board of Supervisors



## WEST NILE VIRUS: Epidemiology Report

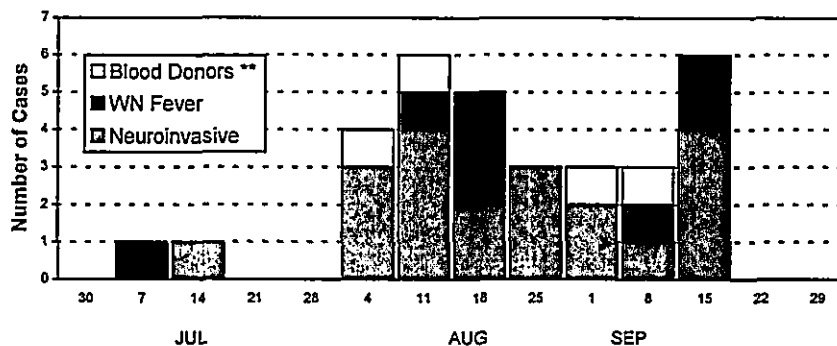
### Cumulative Totals – October 3, 2005

#### West Nile Virus Case Characteristics - Los Angeles County, 2005<sup>1</sup>

	Total #	Information Unknown <sup>2</sup>	Clinical Presentation						Demographics	
			Blood Donor	WN Fever	Neuro-invasive	Neuroinvasive Diagnosis	Hospitalized <sup>3</sup>	Deaths	Gender (M / F)	Median Age (range)
<b>TOTAL to date<sup>4</sup></b>	32	0	4	8	20	8 = Encephalitis 12 = Meningitis 0 = Acute Flaccid Paralysis	22	0	19 / 13	50 yrs (4-89 yrs)

1. Excludes cases in Long Beach and Pasadena. Totals are provisional and subject to change.
2. Cases reported positive but clinical and demographic information is pending.
3. Hospitalized at time of diagnosis and may not reflect current clinical status.
4. Cumulative case total as of Monday 10/3/05, 4pm.

West Nile Disease Cases by Week of Symptom Onset\*  
Los Angeles County, 10/3/05  
(N=32)



\* Week of case confirmation does not necessarily reflect the week of illness onset. In 2004, LAC WNV cases were confirmed an average of 22 days after illness onset.  
\*\* Blood donors listed by date of donation.

#### West Nile Virus: Case Count by Service Planning Area (SPA) Los Angeles County, 10/3/2005

LOCATION	TOTAL to date <sup>1</sup>
SPA 1: Antelope Valley	0
SPA 2: San Fernando	11
SPA 3: San Gabriel	4
SPA 4: Metro	0
SPA 5: West	1
SPA 6: South	2
SPA 7: East	10
SPA 8: South Bay	4
Residence Unknown <sup>2</sup>	0
<b>TOTAL<sup>3</sup></b>	32

1. Totals are provisional and subject to change.
2. Demographic information is excluded or pending.
3. Cumulative case total as of Monday 10/3/05, 4pm.

#### Dead Birds Identified with West Nile Virus by ZIP Code Los Angeles County, 2005 (as of 10/3/2005)

